

PCT

WORLD INTELLECTUAL PROPERTY ORGANIZATION
International Bureau

INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification ⁶ : E01B 19/00, 9/68, 1/00	A1	(11) International Publication Number: WO 99/01617 (43) International Publication Date: 14 January 1999 (14.01.99)
--	-----------	--

(21) International Application Number: PCT/NL98/00368	(81) Designated States: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, GW, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG).
(22) International Filing Date: 25 June 1998 (25.06.98)	
(30) Priority Data: 1006483 4 July 1997 (04.07.97) NL	
(71) Applicant (for all designated States except US): NEDERLANDSE ORGANISATIE VOOR TOEGEPAST-NATUURWETENSCHAPPELIJK ON- DERZOEK TNO [NL/NL]; Schoemakerstraat 97, NL-2628 VK Delft (NL).	
(72) Inventor; and	Published
(75) Inventor/Applicant (for US only): JANSSENS, Marcel, Henk, André [NL/NL]; v.d. Lelijstraat 27-I, NL-2614 ED Delft (NL).	With international search report. In English translation (filed in Dutch).
(74) Agent: HOORWEG, Petrus, Nicolaas; Arnold & Siedsma, Sweelinckplein 1, NL-2517 GK The Hague (NL).	

(54) Title: RAIL TRACK HAVING ENHANCED ABSORPTION OF VIBRATION AND SOUND

(57) Abstract

Rail track comprising at least two parallel rails (2) supported by a non-compressible base body (1), wherein the base body is provided with a channel-like recess for receiving the rail such that the running surface of the head of the rail lies free, wherein the bottom of the channel-like recess is provided with a first layer (9) of yielding material which extends under the bearing surface of the foot of the rail, and wherein the surface between the running surface and the bearing surface of the rail is covered with a second layer (10) of yielding material, so that an improved vibration damping and sound reduction are obtained.

